

Mi-Lin Zhang

List of Publications by Year in descending order

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170
papers

4,114
citations

147801

31
h-index

149698

56
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172
all docs

172
docs citations

172
times ranked

4069
citing authors

#	ARTICLE	IF	CITATIONS
1	Fe ₃ O ₄ /TiO ₂ Core/Shell Nanotubes: Synthesis and Magnetic and Electromagnetic Wave Absorption Characteristics. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16229-16235.	3.1	370
2	Determination of Physical Properties for the Binary System of 1-Ethyl-3-methylimidazolium Tetrafluoroborate + H ₂ O. <i>Journal of Chemical & Engineering Data</i> , 2004, 49, 760-764.	1.9	215
3	Bioinspired construction of Mg-Li alloys surfaces with stable superhydrophobicity and improved corrosion resistance. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	158
4	Preparation of Fe ₃ O ₄ @C@Layered Double Hydroxide Composite for Magnetic Separation of Uranium. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 10152-10159.	3.7	140
5	A chitosan-graphene oxide/ZIF foam with anti-biofouling ability for uranium recovery from seawater. <i>Chemical Engineering Journal</i> , 2020, 382, 122850.	12.7	117
6	Hollow structured and flower-like C@MnCo ₂ O ₄ composite for high electrochemical performance in a supercapacitor. <i>CrystEngComm</i> , 2014, 16, 9873-9881.	2.6	98
7	Uniformly Dispersed ZnFe ₂ O ₄ Nanoparticles on Nitrogen-Modified Graphene for High-Performance Supercapacitor as Electrode. <i>Scientific Reports</i> , 2017, 7, 43116.	3.3	98
8	Trisodium citrate assisted synthesis of ZnO hollow spheres via a facile precipitation route and their application as gas sensor. <i>Journal of Materials Chemistry</i> , 2011, 21, 10750.	6.7	92
9	Effects of the addition of Y in Mg-Li-Al alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 516, 96-99.	5.6	83
10	Enhanced Electromagnetic Interference Shielding in a Duplex-Phase Mg-Li-Al-Zn Alloy Processed by Accumulative Roll Bonding. <i>Acta Metallurgica Sinica (English Letters)</i> , 2020, 33, 490-499.	2.9	83
11	Locally resonant phononic woodpile: A wide band anomalous underwater acoustic absorbing material. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	80
12	Graphene Oxide and Silver Ions Coassisted Zeolitic Imidazolate Framework for Antifouling and Uranium Enrichment from Seawater. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6185-6195.	6.7	73
13	High efficiency extraction of U(VI) from seawater by incorporation of polyethyleneimine, polyacrylic acid hydrogel and Luffa cylindrical fibers. <i>Chemical Engineering Journal</i> , 2018, 345, 526-535.	12.7	71
14	Electrochemical extraction of samarium from LiCl-KCl melt by forming Sm-Zn alloys. <i>Electrochimica Acta</i> , 2014, 120, 369-378.	5.2	67
15	High U(vi) adsorption capacity by mesoporous Mg(OH) ₂ deriving from MgO hydrolysis. <i>RSC Advances</i> , 2013, 3, 23278.	3.6	66
16	Rapid, morphologically controllable, large-scale synthesis of uniform Y(OH) ₃ and tunable luminescent properties of Y ₂ O ₃ :Yb ³⁺ /Ln ³⁺ (Ln = Er, Tm and Ho). <i>Journal of Materials Chemistry</i> , 2012, 22, 16136.	6.7	63
17	Synthesis of aluminananosheets via supercritical fluid technology with high uranyl adsorptive capacity. <i>New Journal of Chemistry</i> , 2013, 37, 366-372.	2.8	61
18	Synthesis of high surface area, mesoporous MgO nanosheets with excellent adsorption capability for Ni(II) via a distillation treating. <i>Journal of Colloid and Interface Science</i> , 2015, 438, 259-267.	9.4	57

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19	New horizon for high performance Mg-based biomaterial with uniform degradation behavior: Formation of stacking faults. <i>Scientific Reports</i> , 2015, 5, 13933.	3.3	47
20	Hierarchical Ni-Al Layered Double Hydroxide In Situ Anchored onto Polyethylenimine-Functionalized Fibers for Efficient U(VI) Capture. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13385-13394.	6.7	45
21	Novel Ion-Imprinted Carbon Material Induced by Hyperaccumulation Pathway for the Selective Capture of Uranium. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28877-28886.	8.0	45
22	Superhydrophilic phosphate and amide functionalized magnetic adsorbent: a new combination of anti-biofouling and uranium extraction from seawater. <i>Environmental Science: Nano</i> , 2018, 5, 2346-2356.	4.3	44
23	Self-assembled CuO nanoarchitectures and their catalytic activity in the thermal decomposition of ammonium perchlorate. <i>Colloid and Polymer Science</i> , 2009, 287, 853-858.	2.1	40
24	Synthesis of chrysalis-like CuO nanocrystals and their catalytic activity in the thermal decomposition of ammonium perchlorate. <i>Journal of Chemical Sciences</i> , 2009, 121, 1077-1081.	1.5	40
25	Preparation of Fine-Grained and High-Strength Mg-8Li-3Al-1Zn Alloy by Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2016, 18, 304-311.	3.5	40
26	Hierarchical porous CNTs@NCS@MnO ₂ composites: rational design and high asymmetric supercapacitor performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15642-15649.	10.3	39
27	Efficient removal of U(VI) from simulated seawater with hyperbranched polyethylenimine (HPEI) covalently modified SiO ₂ coated magnetic microspheres. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1321-1328.	6.0	39
28	Electrochemical behavior of La(III) on liquid Bi electrode in LiCl-KCl melts. Determination of thermodynamic properties of La-Bi and Li-Bi intermetallic compounds. <i>RSC Advances</i> , 2015, 5, 82471-82480.	3.6	38
29	Progress in preparation of rare earth metals and alloys by electrodeposition in molten salts. <i>Rare Metals</i> , 2016, 35, 811-825.	7.1	38
30	The effects of pinholes on proton exchange membrane fuel cell performance. <i>International Journal of Energy Research</i> , 2011, 35, 24-30.	4.5	36
31	Selective electrodeposition of dysprosium in LiCl-KCl-GdCl ₃ -DyCl ₃ melts at magnesium electrodes: Application to separation of nuclear wastes. <i>Electrochimica Acta</i> , 2014, 118, 150-156.	5.2	36
32	Electrodeposition of Tb on Mo and Al electrodes: Thermodynamic properties of TbCl ₃ and TbAl ₂ in the LiCl-KCl eutectic melts. <i>Electrochimica Acta</i> , 2015, 167, 139-146.	5.2	33
33	Fabrication of Mg-Pr and Mg-Li-Pr alloys by electrochemical co-reduction from their molten chlorides. <i>Electrochimica Acta</i> , 2013, 107, 209-215.	5.2	32
34	Electrochemical extraction and separation of praseodymium and erbium on reactive magnesium electrode in molten salts. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 3629-3638.	2.5	31
35	Ultrasonic-Assisted Electroless Ni-P Plating on Dual Phase Mg-Li Alloy. <i>Journal of the Electrochemical Society</i> , 2015, 162, C64-C70.	2.9	31
36	Electrochemical Extraction of Holmium and Thermodynamic Properties of Ho-Bi Alloys in LiCl-KCl Eutectic. <i>Journal of the Electrochemical Society</i> , 2017, 164, E62-E70.	2.9	31

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37	Co-reduction behaviors of lanthanum and aluminium ions in LiCl-KCl eutectic. <i>Electrochimica Acta</i> , 2014, 147, 104-113.	5.2	30
38	Electrochemical extracting variable valence ytterbium from LiCl-KCl-YbCl ₃ melt on Cu electrode. <i>Electrochimica Acta</i> , 2016, 193, 54-62.	5.2	30
39	Electrochemical behaviour of erbium(III) and its extraction on Cu electrode in LiCl-KCl melts. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3484-3494.	5.5	30
40	Extraction of thorium from LiCl-KCl molten salts by forming Al-Th alloys: a new pyrochemical method for the reprocessing of thorium-based spent fuels. <i>RSC Advances</i> , 2013, 3, 23539.	3.6	29
41	The crystallization of lysozyme in the system of ionic liquid [BMIm][BF ₄] ⁻ water. <i>Crystal Research and Technology</i> , 2008, 43, 1062-1068.	1.3	28
42	Electrochemical formation and thermodynamic evaluation of Pr-Zn intermetallic compounds in LiCl-KCl eutectic melts. <i>Electrochimica Acta</i> , 2017, 228, 299-307.	5.2	28
43	Cadmium hydroxide nanowires – new high capacity Ni-Cd battery anode materials without memory effect. <i>Journal of Materials Chemistry</i> , 2012, 22, 13922.	6.7	27
44	An anti-algae adsorbent for uranium extraction: L-Arginine functionalized graphene hydrogel loaded with Ag nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 543, 192-200.	9.4	27
45	Electrochemical behaviour of erbium and preparation of Mg-Li-Er alloys by codeposition. <i>Journal of Rare Earths</i> , 2011, 29, 763-767.	4.8	25
46	Recovery and separation of rare earth elements by molten salt electrolysis. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2021, 28, 899-914.	4.9	25
47	Electrochemical extraction of cerium and formation of Al-Ce alloy from CeO ₂ assisted by AlCl ₃ in LiCl-KCl melts. <i>Science China Chemistry</i> , 2014, 57, 1477-1482.	8.2	24
48	Electrochemical behavior of Y(III) and preparation of Y-Ni intermetallic compounds in molten LiCl-KCl salts. <i>Journal of Rare Earths</i> , 2017, 35, 90-97.	4.8	24
49	Electrochemical co-reduction of Y(III) and Zn(II) and extraction of yttrium on Zn electrode in LiCl-KCl eutectic melts. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2435-2444.	2.5	24
50	Preparation of Mg-Li-La alloys by electrolysis in molten salt. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 16-22.	4.2	23
51	Influence of Annealing Temperature on the Microstructure and Mechanical Properties of Al/Mg/Al Composite Sheets Fabricated by Roll Bonding. <i>Advanced Engineering Materials</i> , 2016, 18, 1792-1798.	3.5	23
52	Electrochemical Codeposition of Mg-Li Alloys from a Molten KCl-LiCl-MgCl ₂ System. <i>Chemistry Letters</i> , 2008, 37, 212-213.	1.3	22
53	Electrodeposition of Mg-Li-Al-La Alloys on Inert Cathode in Molten LiCl-KCl Eutectic Salt. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2011, 42, 1367-1375.	2.1	22
54	Electrochemical recovery of dysprosium from LiCl-KCl melt aided by liquid Pb metal. <i>Separation and Purification Technology</i> , 2020, 250, 117124.	7.9	22

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55	Microwave-Assisted Synthesis and Characterization of CuO Nanocrystals. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 508-513.	2.4	21
56	Luminescence functionalization of MCM-48 by YVO ₄ :Eu ³⁺ for controlled drug delivery. <i>RSC Advances</i> , 2012, 2, 3281.	3.6	21
57	Microstructure and Mechanical Properties of CNT-Reinforced AZ31 Matrix Composites Prepared Using Hot-Press Sintering. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 5495-5500.	2.5	21
58	Polypyrrole modified Fe ⁰ -loaded graphene oxide for the enrichment of uranium(^{VI}) from simulated seawater. <i>Dalton Transactions</i> , 2018, 47, 12984-12992.	3.3	20
59	Development of High-Performance Mg Alloy via Introducing Profuse Long Period Stacking Ordered Phase and Stacking Faults. <i>Advanced Engineering Materials</i> , 2015, 17, 876-884.	3.5	19
60	Electrochemical properties of yttrium on W and Pb electrodes in LiCl-KCl eutectic melts. <i>RSC Advances</i> , 2019, 9, 26718-26728.	3.6	19
61	ZnO nanostructured microspheres and grown structures by thermal treatment. <i>Bulletin of Materials Science</i> , 2008, 31, 597-601.	1.7	18
62	Micro-arc oxidation coatings on Mg-Li alloys. <i>Rare Metals</i> , 2009, 28, 160-163.	7.1	18
63	Fabrication of layered double hydroxide spheres through urea hydrolysis and mechanisms involved in the formation. <i>Colloid and Polymer Science</i> , 2010, 288, 1411-1418.	2.1	18
64	Conversion of Calcined Eggshells into Flower-Like Hydroxyapatite Agglomerates by Solvothermal Method Using Hydrogen Peroxide/ ^N , ^N -Dimethylformamide Mixed Solvents. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3377-3379.	3.8	18
65	Synthesis and characterization of phosphorized polyaniline doped with phytic acid and its anticorrosion properties for Mg-Li alloy. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2018, 55, 24-35.	2.2	18
66	A hybrid sponge with guanidine and phytic acid enriched surface for integration of antibiofouling and uranium uptake from seawater. <i>Applied Surface Science</i> , 2020, 525, 146611.	6.1	18
67	The Electrochemical Formation of Ni-Tb Intermetallic Compounds on a Nickel Electrode in the LiCl-KCl Eutectic Melts. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2014, 45, 929-935.	2.1	17
68	Electrolytic extraction of dysprosium and thermodynamic evaluation of Cu-Dy intermetallic compound in eutectic LiCl-KCl. <i>RSC Advances</i> , 2018, 8, 8118-8129.	3.6	17
69	Electrochemical Formation of Mg-Li-Sm Alloys by Codeposition from LiCl-KCl-MgCl ₂ -SmCl ₃ Molten Salts. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2011, 42, 1376-1382.	2.1	16
70	ZnCl ₂ and Liquid Zinc Assisted Electrochemical Extraction of Thulium from LiCl-KCl Melt. <i>Journal of the Electrochemical Society</i> , 2014, 161, D248-D255.	2.9	16
71	The effect of different concentrations of Na ₂ SnO ₃ on the electrochemical behaviors of the Mg-8Li electrode. <i>Ionics</i> , 2014, 20, 1573-1578.	2.4	16
72	Electrochemical reduction of Tm on Mg electrodes and co-reduction of Mg, Li and Tm on W electrodes. <i>Electrochimica Acta</i> , 2014, 135, 327-335.	5.2	15

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73	Al-RE Intermetallic Phase Stability and Effects on Corrosion Behavior in Cold-Chamber HPDC AE44 Alloy. <i>Advanced Engineering Materials</i> , 2016, 18, 148-155.	3.5	15
74	Microstructure, Texture, and Mechanical Properties of Alternate Mg-Li Composite Sheets Prepared by Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2017, 19, 1600817.	3.5	15
75	Electrochemical formation and thermodynamic properties of Tb-Bi intermetallic compounds in eutectic LiCl-KCl. <i>RSC Advances</i> , 2017, 7, 31682-31690.	3.6	15
76	Electrochemical behavior and underpotential deposition of Sm on reactive electrodes (Al, Ni, Cu and Tj ETQq0 0 0 rrgBT /Overlock 10 Tf	4.9	15
77	Thermal Analysis and Flame-Retarded Mechanism of Composites Composed of Ethylene Vinyl Acetate and Layered Double Hydroxides Containing Transition Metals (Mn, Co, Cu, Zn). <i>Applied Sciences (Switzerland)</i> , 2016, 6, 131.	2.5	14
78	Thermodynamic and Electrochemical Properties of Praseodymium and the Formation of Ni-Pr Intermetallics in LiCl-KCl Melts. <i>Journal of the Electrochemical Society</i> , 2017, 164, D835-D842.	2.9	14
79	The kinetics process of a Pb-Pb(0) couple and selective fabrication of Li-Pb alloys in LiCl-KCl melts. <i>RSC Advances</i> , 2018, 8, 30530-30538.	3.6	14
80	Electrochemical Codeposition of Quaternary Mg-Li-Ce-La Alloys from Molten Salt. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2010, 41, 1123-1128.	2.1	13
81	Electrochemical codeposition of Mg-Li-Gd alloys from LiCl-KCl-MgCl ₂ -Gd ₂ O ₃ melts. <i>Transactions of Nonferrous Metals Society of China</i> , 2011, 21, 825-829.	4.2	13
82	Electrochemical behavior of Pb(II) in LiCl-KCl-MgCl ₂ -PbCl ₂ melts on Mo electrode. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 711-716.	4.2	13
83	Selective formation of Ce-Ni hydrogen storage alloys by electro-deposition in LiCl-KCl-CeCl ₃ melts using Ni as cathode. <i>Journal of Alloys and Compounds</i> , 2019, 777, 1211-1221.	5.5	13
84	Fabrication of Al-Coated Mg-Li Alloy Sheet and Investigation of Its Properties. <i>Acta Metallurgica Sinica (English Letters)</i> , 2019, 32, 169-177.	2.9	13
85	Thermal Stability, Combustion Behavior, and Mechanical Property in a Flame-Retardant Polypropylene System. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 55.	2.5	12
86	Synergistic effect of carbon nanotube and graphene nanoplatelet addition on microstructure and mechanical properties of AZ31 prepared using hot-pressing sintering. <i>Journal of Materials Research</i> , 2018, 33, 4261-4269.	2.6	11
87	Electrochemical Oxygen Sensor Based on the Interaction of Double-Layer Ionic Liquid Film (DLILF). <i>Journal of the Electrochemical Society</i> , 2018, 165, B779-B786.	2.9	11
88	In Situ Anchoring of Pyrrhotite on Graphitic Carbon Nitride Nanosheet for Efficient Immobilization of Uranium. <i>Chemistry - A European Journal</i> , 2019, 25, 590-597.	3.3	11
89	Electrochemical deposition of praseodymium (III) and copper (II) and extraction of praseodymium on copper electrode in LiCl-KCl melts. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 3689-3702.	2.5	11
90	Hydrothermal Synthesis of Protective Coating on Mg Alloy for Degradable Implant Applications. <i>Coatings</i> , 2019, 9, 160.	2.6	11

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91	Study of structural transformations and phases formation upon calcination of Zn ²⁺ /Ni ²⁺ /Al hydrotalcite nanosheets. <i>Bulletin of Materials Science</i> , 2011, 34, 183-189.	1.7	10
92	Effects of Cold Rolling on Microstructural Evolution and Mechanical Properties of Mg ⁹⁰ /Li ¹⁰ Zn Alloy. <i>Advanced Engineering Materials</i> , 2019, 21, 1801344.	3.5	10
93	Electrode reaction of Pr(III) and coreduction of Pr(III) and Pb(II) on W electrode in eutectic LiCl-KCl. <i>Ionics</i> , 2020, 26, 3901-3909.	2.4	10
94	A new approach for the preparation of variable valence rare earth alloys from nano rare earth oxides at a low temperature in molten salt. <i>RSC Advances</i> , 2012, 2, 1585-1591.	3.6	9
95	Uranium(vi) adsorption on alumina hollow microspheres synthesized via a facile self-templating process. <i>RSC Advances</i> , 2013, 3, 6621.	3.6	9
96	Electrochemical formation process and phase control of Mg-Li-Ce alloys in molten chlorides. <i>Journal of Rare Earths</i> , 2013, 31, 609-615.	4.8	9
97	Electrochemistry of CeCl ₃ in molten LiCl-KCl eutectic. <i>Chemical Research in Chinese Universities</i> , 2014, 30, 489-494.	2.6	9
98	The Electrochemical Co-reduction of Mg-Al-Y Alloys in the LiCl-NaCl-MgCl ₂ -AlF ₃ -YCl ₃ Melts. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2015, 46, 644-652.	2.1	9
99	Effect of chemical modification of graphite nanoplatelets on electrochemical performance of MnO ₂ electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 619-624.	2.2	8
100	Electrodeposition of magnesium-lithium-dysprosium ternary alloys with controlled components from dysprosium oxide assisted by magnesium chloride in molten chlorides. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2671-2678.	2.5	8
101	Controlled synthesis and luminescent properties of uniform SrMoO ₄ hollow microstructures and application as drug carrier. <i>RSC Advances</i> , 2013, 3, 5945.	3.6	8
102	AlCl ₃ and liquid Al assisted extraction of Nd from NaCl-KCl melts via intermittent galvanostatic electrolysis. <i>RSC Advances</i> , 2014, 4, 40352-40358.	3.6	8
103	Hydrothermal syntheses of CuO, CuO/Cu ₂ O, Cu ₂ O, Cu ₂ O/Cu and Cu microcrystals using ionic liquids. <i>Chemical Research in Chinese Universities</i> , 2016, 32, 530-533.	2.6	8
104	Electrochemical reduction La(III) on W and Mg electrodes: application to prepare Mg-Li and Mg-Li-La alloys in LiCl-KCl melts. <i>RSC Advances</i> , 2016, 6, 29353-29364.	3.6	8
105	Electrochemical co-reduction of holmium and magnesium ions in eutectic LiCl-KCl salts. <i>Rare Metals</i> , 2022, 41, 1394-1402.	7.1	8
106	Recovery of Terbium from LiCl-KCl-TbCl ₃ System by Electrodeposition Using Different Electrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, D704-D710.	2.9	8
107	Extraction of neodymium from other fission products by co-reduction of Sn and Nd. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4802.	3.5	8
108	Water-locking molecule-assisted fabrication of nature-inspired Mg(OH) ₂ for highly efficient and economical uranium capture. <i>Dalton Transactions</i> , 2020, 49, 7535-7545.	3.3	8

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109	MOF-derived electrochemical catalyst Cu@N/C for the enhancement of amperometric oxygen detection. <i>Nanoscale</i> , 2022, 14, 1796-1806.	5.6	8
110	Self-Assembled CuO Monocrystalline Nanoplatelets in Ionic Liquids. <i>Journal of Dispersion Science and Technology</i> , 2007, 28, 1223-1227.	2.4	7
111	Mesoscale organization of CuO nanoslices: Formation of sphere. <i>Bulletin of Materials Science</i> , 2008, 31, 193-195.	1.7	7
112	Pseudo-capacitance properties of porous metal oxide nanoplatelets derived from hydrotalcite-like compounds. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1803-1808.	2.9	7
113	Electrochemical preparation of Mg-Li-Al-Er alloys by co-reduction in molten chloride. <i>Acta Metallurgica Sinica (English Letters)</i> , 2013, 26, 455-460.	2.9	7
114	Development and characterization of size controlled polymeric microcapsules loaded with superparamagnetic nanoparticles. <i>Polymer Composites</i> , 2013, 34, 443-449.	4.6	7
115	Microstructure and texture evolution of Mg-Li alloy during rolling. <i>International Journal of Materials Research</i> , 2014, 105, 1111-1117.	0.3	7
116	Microstructure and Mechanical Properties of Mg-8Li-(0, 1, 2)Ca-(0, 2)Gd Alloys. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 4831-4837.	2.5	7
117	Electrochemical Co-reduction of Bi(III) and Y(III) and Extracting Yttrium from Molten LiCl-KCl Using Liquid Bi as Cathode. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 60-64.	2.6	7
118	Molten salt oxidation and process analysis of anionic exchange resin in Na ₂ CO ₃ -K ₂ CO ₃ melt. <i>Journal of Nuclear Science and Technology</i> , 2022, 59, 597-604.	1.3	7
119	Fabrication of Yb-Rich Mg-Li-Yb Alloys via Co-Reduction of Mg, Li and Yb. <i>Journal of the Electrochemical Society</i> , 2014, 161, D704-D711.	2.9	6
120	Selective extraction of gadolinium from Sm ₂ O ₃ and Gd ₂ O ₃ mixtures in a single step assisted by MgCl ₂ in LiCl-KCl melts. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 843-850.	2.5	6
121	Self-growth of micro- and nano-structured Mg(OH) ₂ on electrochemically anodised Mg-Li alloy surface. <i>Journal of Experimental Nanoscience</i> , 2015, 10, 56-65.	2.4	6
122	Study on formation and properties of Al-Li-Sm alloy containing whiskers in molten salts. <i>RSC Advances</i> , 2015, 5, 75863-75869.	3.6	6
123	Electrochemical Extraction of Praseodymium by Formation of Zn-Pr Alloy in LiCl-KCl Melts with the Assistance of ZnCl ₂ and Liquid Zn. <i>Journal of the Electrochemical Society</i> , 2017, 164, D253-D262.	2.9	6
124	Synthesis and characterization of [Cu(N-Melm) ₄ (BF ₄) ₂] in ionic liquid. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 8-12.	2.6	6
125	Electrochemical Synthesis and Thermodynamic Properties of Pr-Ni Intermetallic Compounds in a LiCl-KCl-NiCl ₂ -PrCl ₃ Melt. <i>ChemElectroChem</i> , 2019, 6, 876-884.	3.4	6
126	Microstructure and Mechanical Properties of Mg-14Li-3Al-2Gd Alloy Processed by Multilayer Accumulative Roll Bonding. <i>Advanced Engineering Materials</i> , 2020, 22, 1900774.	3.5	6

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127	Extraction of ytterbium via co-reduction of Al(III) and Yb(III) from LiCl-KCl melt on W electrode. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 657-664.	1.5	5
128	Separation of lanthanum from samarium on solid aluminum electrode in LiCl-KCl eutectic melts. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 1123-1132.	1.5	5
129	The effect of NaF on the electrochemical behavior of the Mg-11Li-3.5Al-1Zn-1Sn-1Ce-0.1Mn electrode in NaCl solution. RSC Advances, 2015, 5, 46423-46429.	3.6	5
130	Influence of Nd and Y on texture of as-extruded Mg-5Li-3Al-2Zn alloy. Physics of Metals and Metallography, 2016, 117, 735-741.	1.0	5
131	Study on Electrochemical Behavior of La(III) and Preparation of Al-La Intermetallic Compound Whiskers in Chloride Melt. Journal of the Electrochemical Society, 2016, 163, D1-D8.	2.9	5
132	Electrochemical Synthesis Quaternary Mg-Li-Al-Pr Alloy with and without Whisker on Magnesium Cathode in LiCl-KCl-PrCl ₃ -AlCl ₃ Melts. Journal of the Electrochemical Society, 2017, 164, D429-D435.	2.9	5
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